AMENDMENTS TO THE CLAIMS

This listing of the claims replaces all prior claims previously submitted.

1.   (Currently amended) A method for generating a stream of video images ~~such as~~, at the reception, in each current video image, a preregistered picture can be superimposed to a predetermined area of a moving object, comprising:

        providing, with a calculator, a first set of oriented views of the preregistered picture in various orientations;

        associating each oriented view of the first set of oriented views with an orientation index that identifies the physical orientation of the oriented view;

        storing, in a machine-readable medium, the first set of oriented views associated with each orientation index;

        ~~providing a first set of views of said picture for various orientations thereof, and associating with each oriented view an identifying parameter;~~

        estimating in each video image the location, orientation and size of said area of said object;

        selecting the ~~identifying parameter~~ orientation index of the oriented view having the same orientation as said area in the current image; and

        transmitting with each current image the selected ~~identifying parameter~~ orientation index along with information on the location and size of said area.

2.   (Currently amended) [[A]] The method for superimposing~~, in a received~~ ~~the video stream generated according to claim 1, a~~ the preregistered picture on [[a]] the predetermined area of the ~~image of a~~ moving object of claim 1, comprising:

        downloading at least one second set of views of said picture, corresponding to said first set of oriented views; and

        for each transmitted current image:

                extracting the ~~identifying parameter~~ orientation index and the size and location information;

selecting, from said second set of views, an oriented picture in accordance with the ~~identifying parameter~~ <u>orientation index</u>;

computing a scaled picture on the basis of said size information; and

superimposing said scaled picture in the current image at a location corresponding to the location information.

3.   (Original) The method of claim 2, in which at the beginning of a TV program to be transmitted, said second set of views is downloaded in video receivers.

4.   (Currently amended) The method of claim 2, in which said second set of views is identical to said first set of <u>oriented</u> views.

5.   (Canceled). ~~The method of claim 1, in which said first set of views contains only picture frames.~~

6.   (Currently amended) The method of claim 2, in which said second set of views contains picture frames of same orientation of said first set of <u>oriented</u> views, with a picture content.

7.   (Original) The method of claim 2, in which the content of said second set of views depends upon the geographic broadcasting zone.

8.   (Original) The method of claim 1, in which the location and orientation information in a current image are calculated for a reference point of the object.

9.   (Original) The method of claim 1, in which, in a current image, the location, orientation and size of an object are provided in a differential way with respect to a former image.

10.   (Original) The method of claim 1, in which static points of an image are localizable to detect when a new object comes into a next image.

11.   (Original) The method of claim 1 using shape recognition tools to detect the presence of the moving object in the current image on the basis on a stored geometrical representation.

12.   (Currently amended) A system for generating a stream of video images to be broadcasted such as, at the reception, in each current video image, a preregistered picture can be superimposed on a predetermined area of a moving object, comprising:

    at least one input for video images;

    a calculator for providing a set of oriented views of said picture for various orientations and associating with each oriented view an ~~identifying parameter~~ orientation index that identifies the physical orientation of the oriented view associated with the corresponding orientation index;

    a memory for containing said set of oriented views;

    an estimator of the location, orientation and size of said area of said object in each video image;

    a selector for selecting, among said set of oriented views, an oriented picture having the same orientation than said area in the current image, and providing the associated ~~identifying parameter~~ orientation index; and

    a generator of a video stream in which, each image containing said area is attached to the selected ~~identifying parameter~~ orientation index along with the location and size information of said area.

13.   (Currently amended) The system of claim 12 further comprising:

    [[A]] a video receiver adapted to receive images ~~from the system of claim 12,~~ comprising:

        memory for containing [[said]] the set of oriented views;

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an extractor for extracting from said memory an oriented picture on the basis of ~~an identifying parameter~~ <u>the orientation index</u> attached to each image of the video stream; and

a calculator <u>for providing</u> [[of]] a scaled picture on the basis of <u>the</u> size information attached to each image in the video stream, and for superimposing said scaled picture in the current image at the location corresponding to said location information.

14.   (Currently amended) The method of claim [[5]] <u>15</u>, in which a second set of views contains picture frames of same orientation of said first set of <u>oriented</u> views, with a picture content.

15.   (New) The method of claim 1, in which said first set of <u>oriented</u> views contains only picture frames.

16.   (New) The method of claim 1, further comprising:

superimposing, with a video receiver, the oriented view having the same orientation as said area in the current image in the current image.

17.   (New) The method of claim 1, further comprising:

superimposing, with a video production mixer, the oriented view having the same orientation as said area in the current image in the current image.

18.   (New) The method of claim 1, further comprising:

displaying a video image comprising an oriented view having the same orientation as said predetermined area in the current image superimposed on the current image.